

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	261	423/447.?.cds. (nanocarbon or nanotube or nanostructure or nanowire or nanorod or nanohorn) "laser ablation"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/05 08:29
L2	211	423/447.?.cds. (nanocarbon or nanotube or nanostructure or nanowire or nanorod or nanohorn) "laser ablation" graphite	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/05 08:29
L3	102	423/447.?.cds. (nanocarbon or nanotube or nanostructure or nanowire or nanorod or nanohorn) "laser ablation" graphite light	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/05 08:29
L4	79	423/447.?.cds. (nanocarbon or nanotube or nanostructure or nanowire or nanorod or nanohorn) "laser ablation" graphite light generat\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/05 08:29
L5	25	423/447.?.cds. (nanocarbon or nanotube or nanostructure or nanowire or nanorod or nanohorn) "laser ablation" graphite light generat\$ recover\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/05 08:29
L6	10	"6077401"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/05 08:32
L7	7	"6648975"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/05 08:36

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S1	1	"10566579"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/12 13:39
S2	0	("2006/0237301").URPN.	USPAT	AND	ON	2008/09/12 13:39
S3	30	(moisten\$ OR spray\$) (nanocarbon OR "nanostructure carbon")	USPAT	AND	ON	2008/09/12 13:41
S4	0	((moisten\$ OR spray\$) (nanocarbon OR "nanostructure carbon")).clm.	USPAT	AND	ON	2008/09/12 13:41
S5	11	(moisten\$ OR spray\$) nanocarbon	USPAT	AND	ON	2008/09/12 13:42
S6	15507	(moisten\$ OR spray\$) carbon graphite	USPAT	AND	ON	2008/09/12 13:45
S7	6023	((moisten\$ OR spray\$) (carbon OR graphite)).clm.	USPAT	AND	ON	2008/09/12 13:46
S8	623	((moisten\$ OR spray\$) (carbon OR graphite)).clm. nano\$	USPAT	AND	ON	2008/09/12 13:46
S9	43	((moisten\$ OR spray\$) (carbon OR graphite)).clm. nano\$ (apparatus OR device OR invention).ti.	USPAT	AND	ON	2008/09/12 13:47
S10	86	((moisten\$ OR spray\$) (nanocarbon OR graphite)).clm. (apparatus OR device OR invention).ti.	USPAT	AND	ON	2008/09/12 13:51
S11	1	((moisten\$ OR spray\$ SAME recover\$) (nanocarbon OR graphite)).clm. (apparatus OR device OR invention).ti.	USPAT	AND	ON	2008/09/12 13:52
S12	18	((moisten\$ OR spray\$) SAME (nanocarbon OR graphite)).clm. (apparatus OR device OR invention).ti.	USPAT	AND	ON	2008/09/12 13:53
S13	121978	(moisten\$ OR spray\$) removal	USPAT	AND	ON	2008/09/12 13:59
S14	0	"ethanol atomization" spray	USPAT	AND	ON	2008/09/12 15:34
S15	0	"ethanol atomization"	USPAT	AND	ON	2008/09/12 15:34
S16	0	"ethanol atomiz\$"	USPAT	AND	ON	2008/09/12 15:34
S17	0	"ethanol atomiz\$"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/12 15:34
S18	38641	laser ablation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/12 15:35

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S19	25	laser ablation nanocarbon\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/12 15:35
S20	0	("2006/0237301").URPN.	USPAT	AND	ON	2008/09/12 15:37
S21	2376	(nanocarbon\$ OR graphite) "laser ablation"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/12 15:47
S22	918	(nanocarbon\$ OR graphite) "laser ablation" spray\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/12 15:48
S23	25	"502".clas. (nanocarbon\$ OR graphite) "laser ablation" spray\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/12 15:51
S24	4	2000-159514	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 09:51
S25	2	"2000159514"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 09:52
S26	0	61-42318	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 09:56

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S27	3	"6142318"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 09:56
S28	0	JP6142318	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 09:57
S29	0	JP61-42318	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 09:57
S30	0	JP61 "42318"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 09:58
S31	0	JP 61-42318	JPO	AND	ON	2008/09/15 09:58
S32	0	61-042318	JPO	AND	ON	2008/09/15 10:04
S33	23	MASAHIRO SATORU TSUTOMU	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 10:05
S34	0	JP61083712	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 10:07
S35	1	JP "61083712"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 10:07

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S36	1	"200164004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 10:10
S37	12	"2001-64004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 10:11
S38	17	nanocarbon generation recovery	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 11:03
S39	38293	carbon generation recovery	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 11:05
S40	388	fullerene generation recovery	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 11:05
S41	174	fullerene generation recovery irradiat\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 11:06
S42	46	fullerene generation recovery irradiat\$.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 11:06

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S43	17	fullerene generation recovery chamber.dml irradiat\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 11:07
S44	34	fullerene generation recovery chamber.dml	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 11:08
S45	13370	\$carbon.dml. generat\$ recover\$ chamber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 11:11
S46	8	nanocarbon.dml. generat\$ recover\$ chamber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 11:12
S47	789	carbon (generat\$ AND recover\$ AND chamber).dml.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 11:13
S48	21	(nanocarbon OR fulleren\$) (generat\$ AND recover\$ AND chamber).dml.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 11:15
S49	4	2001-056330	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 11:24

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S50	8259	(carbon OR nanocarbon OR fullerene OR graphite) generat\$ recover\$ chamber.cfm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 12:56
S51	818	(carbon OR nanocarbon OR fullerene OR graphite) generat\$.cfm. recover\$.cfm. chamber.cfm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 12:56
S52	123	(nanocarbon OR fullerene OR graphite) generat\$.cfm. recover\$.cfm. chamber.cfm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 12:57
S53	40	(nanocarbon OR fullerene OR graphite).cfm. generat\$.cfm. recover\$.cfm. chamber.cfm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 12:57
S54	21	(nanocarbon OR fullerene OR graphite) "collecting chamber".cfm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 13:09
S55	3	"423".das. (nanocarbon OR fullerene OR graphite) "collecting chamber".cfm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 13:09
S56	749	"423".das. (nanocarbon OR fullerene OR graphite) ("collect\$ chamber".cfm. OR recover\$.cfm.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 13:10

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S57	0	"423".das. (nanocarbon OR fullerene OR graphite) ("collect\$ chamber".clm. OR "recover\$ chamber".clm.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 13:11
S58	8867	"423".das. (nanocarbon OR fullerene OR graphite)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 13:11
S59	1658	"423".das. (nanocarbon OR fullerene OR graphite) generation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 13:12
S60	432	"423".das. (nanocarbon OR fullerene OR graphite) generation recovery	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 13:12
S61	97	"423".das. (nanocarbon OR fullerene OR graphite).clm. generation recovery	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 13:14
S62	391	"423".das. (nanocarbon OR fullerene OR graphite).clm. generation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 13:19
S63	13	"423".das. (nanocarbon OR fullerene OR graphite).clm. (generati\$ collect\$).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 13:19



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S64	51	"423".clas. (nanocarbon OR fullerene OR graphite).dm. (CVD OR "laser ablation" or "arc discharge").dm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 13:22
S65	9	"423".clas. (nanocarbon OR fullerene OR graphite).dm. (CVD OR "laser ablation" or "arc discharge").dm. (recover\$ OR collect\$).dm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 13:23
S66	2	("2001/0001654").URPN.	USPAT	AND	ON	2008/09/15 14:29
S67	6	"502".clas. (nanocarbon\$ OR graphite) "laser ablation" nanohorn	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 16:35
S68	33	nanocarbon.ti. apparatus.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/16 14:36
S69	4330	("423".clas. or "422".clas. or "432".clas. or "204".clas.) (nanocarbon or nanotube or nanohorn or fullerene or graphite).dm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/16 14:39
S70	603	("423".clas. or "422".clas. or "432".clas. or "204".clas.) (nanocarbon or nanotube or nanohorn or fullerene or graphite).dm. (apparatus or apparatuses or apparati or system).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/16 14:40
S71	22	("423".clas. or "422".clas. or "432".clas. or "204".clas.) (nanocarbon or nanotube or nanohorn or fullerene or graphite).dm. (apparatus or apparatuses or apparati or system).ti. recover\$ NEAR5 (chamber or unit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/16 14:40

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S72	1	("423".clas. or "422".clas. or "432".clas. or "204".clas.) (nanocarbon or nanotube or nanohorn or fullerene or graphite).dm. (apparatus or apparatuses or apparati or system).ti. recover\$ NEAR5 (chamber or unit) SAME (wett\$ or moisten\$ or spray\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/16 14:41
S73	62	("423".clas. or "422".clas. or "432".clas. or "204".clas.) (nanocarbon or nanotube or nanohorn or fullerene or graphite).dm. (apparatus or apparatuses or apparati or system).ti. recover\$ SAME (chamber or unit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/16 14:42
S74	16	("423".clas. or "422".clas. or "432".clas. or "204".clas.) (nanocarbon or nanotube or nanohorn or fullerene or graphite).dm. (apparatus or apparatuses or apparati or system).ti. recover\$ SAME (chamber or unit) (spray\$ or moisten\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/16 14:43
S75	0	61-42318	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/16 15:27
S76	52	"61" "42318"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/16 15:27
S77	12	JP "61" "42318"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/16 15:27
S78	3	"6142318"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/16 15:29

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S79	2	"61042318"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/16 15:29
S80	854	423/447.?.cds. (nanocarbon or nanotube or nanostructure or nanowire or nanorod or nanohorn)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/18 09:14
S81	22	423/447.?.cds. (nanocarbon or nanotube or nanostructure or nanowire or nanorod or nanohorn) (recover\$ or collect\$) SAME (moisten\$ or quench\$ or wet\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/18 09:15
S82	1	423/447.?.cds. (nanocarbon or nanotube or nanostructure or nanowire or nanorod or nanohorn) light SAME irradiat\$ SAME graphite (moisten\$ or wet\$ or quench\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/18 10:15
S83	7	423/447.?.cds. (nanocarbon or nanotube or nanostructure or nanowire or nanorod or nanohorn) light SAME irradiat\$ SAME graphite	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/18 10:15
S84	5	10-273308	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/18 10:22
S85	3	"10273308"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/18 10:22